FIG. 1

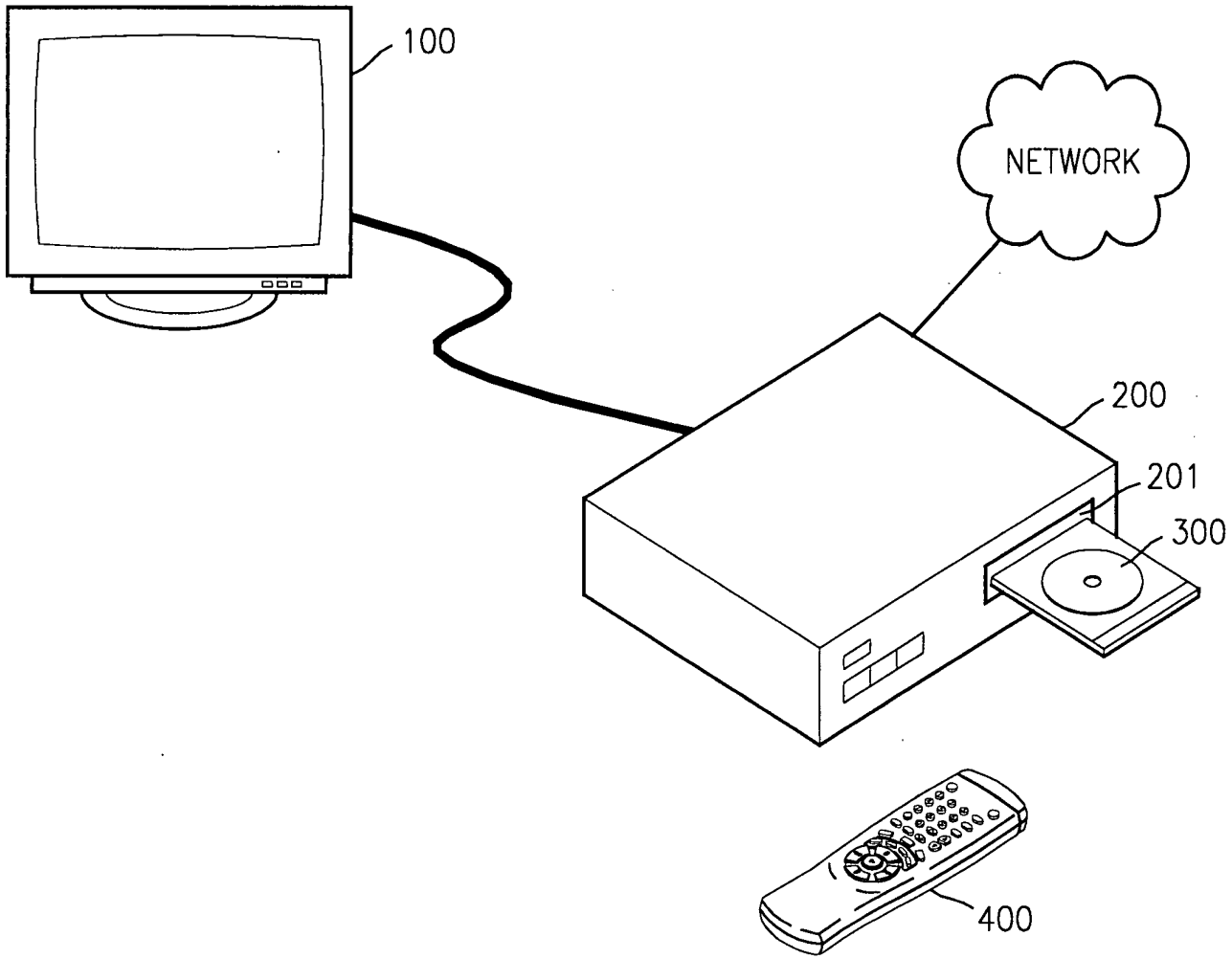


FIG. 2

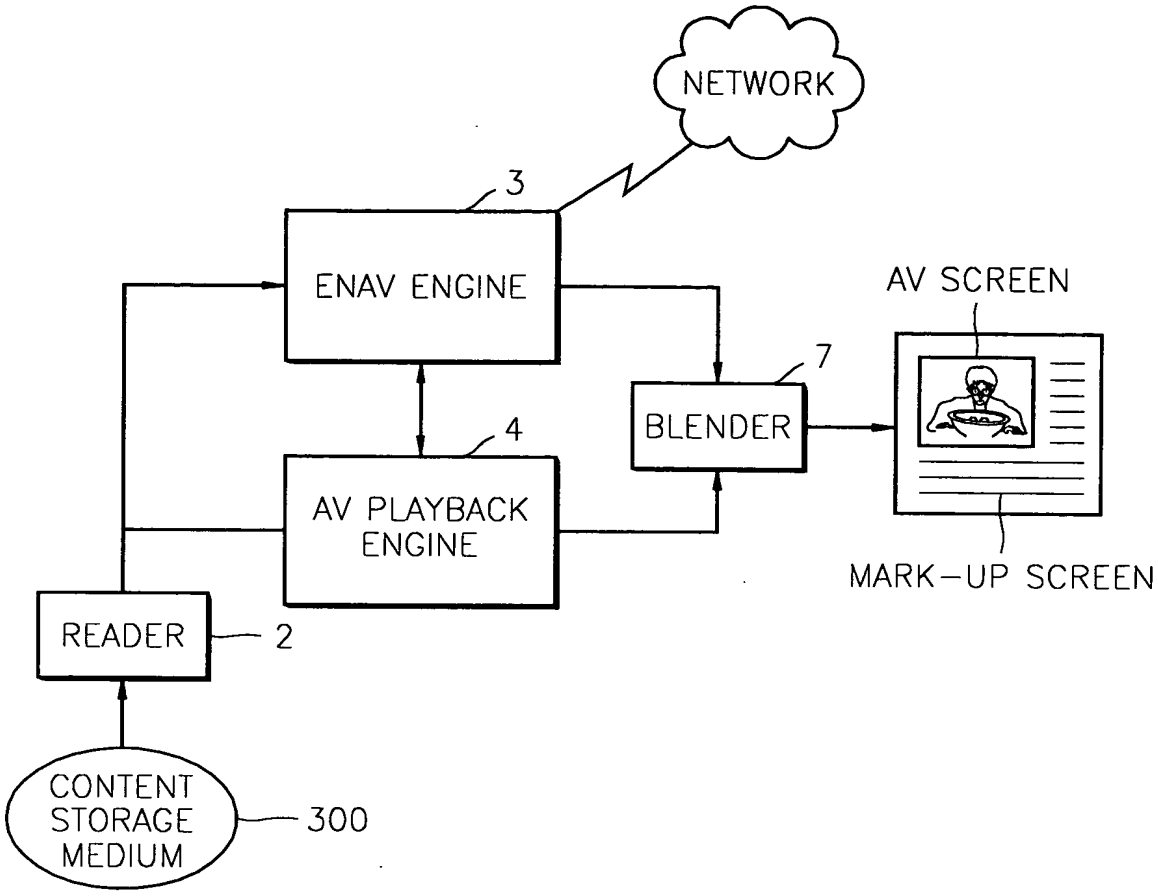

NETWORK
3
ENAV ENGINE
AV SCREEN
7
BLENDER
4
AV PLAYBACK ENGINE
MARK-UP SCREEN
READER
2
CONTENT STORAGE MEDIUM
300

FIG. 3

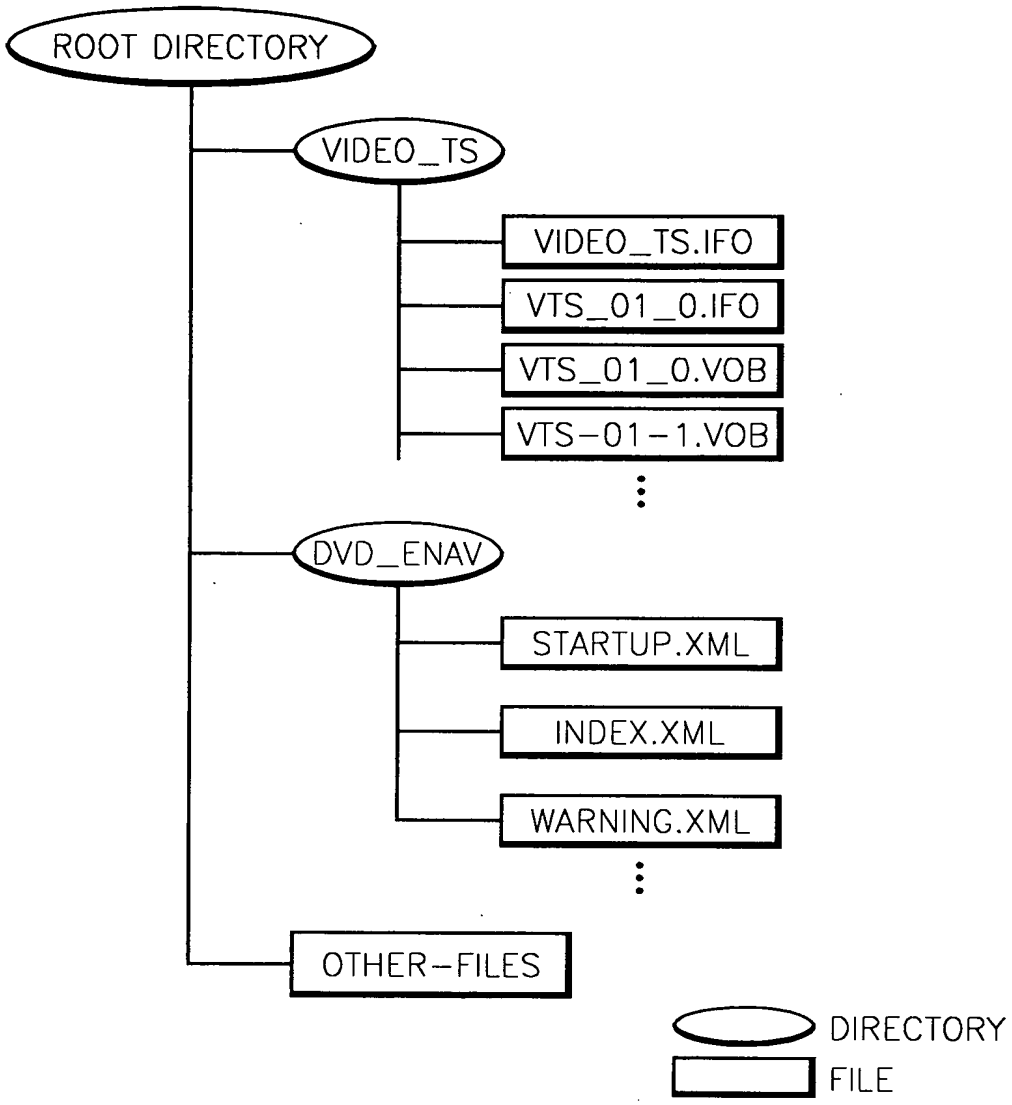

ROOT DIRECTORY
VIDEO_TS
VIDEO_TS.IFO
VTS_01_0.IFO
VTS_01_0.VOB
VTS-01-1.VOB
DVD_ENAV
STARTUP.XML
INDEX.XML
WARNING.XML
OTHER-FILES
DIRECTORY
FILE

FIG. 4

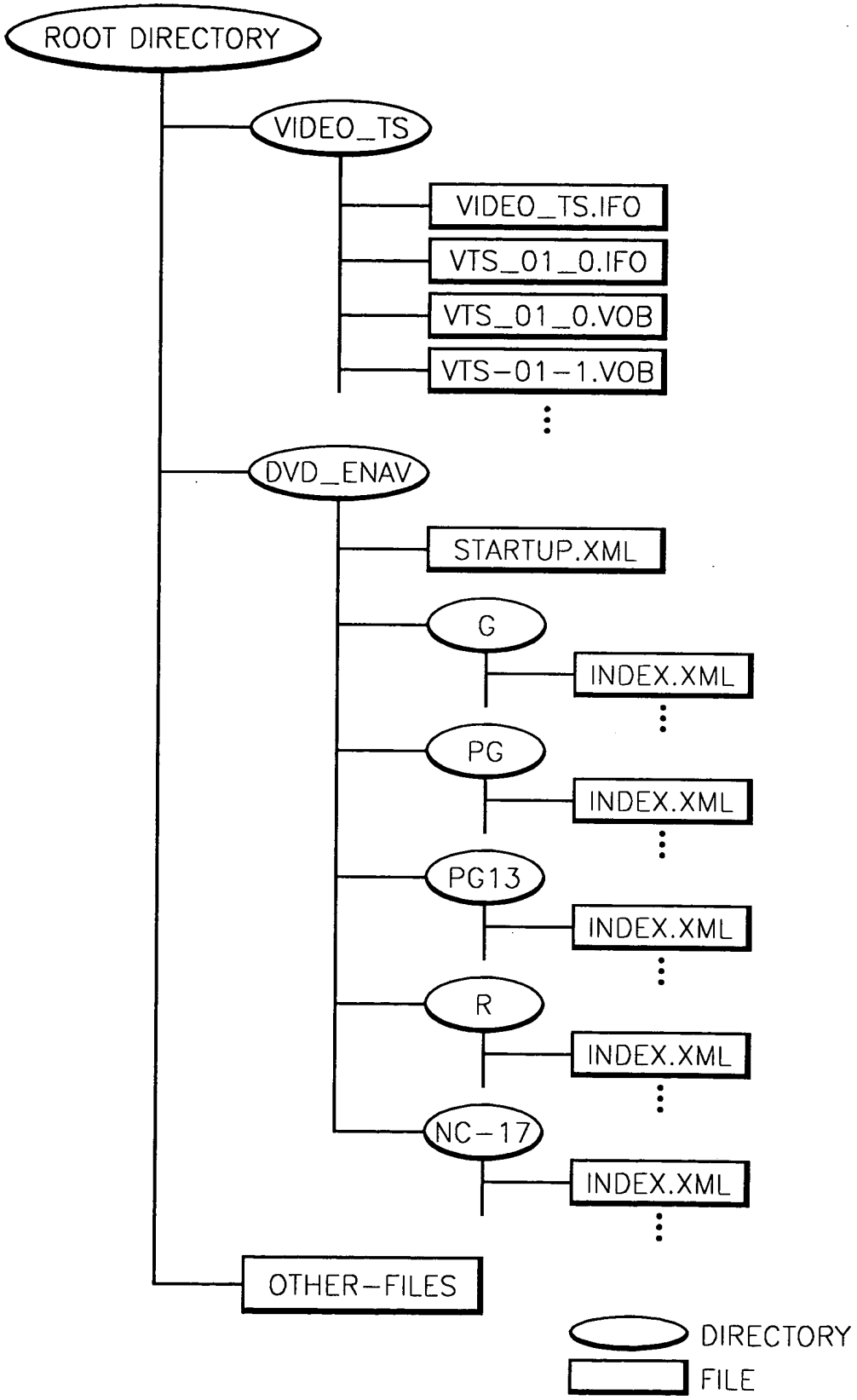

ROOT DIRECTORY
VIDEO_TS
VIDEO_TS.IFO
VTS_01_0.IFO
VTS_01_0.VOB
VTS-01-1.VOB
DVD_ENAV
STARTUP.XML
G
INDEX.XML
PG
INDEX.XML
PG13
INDEX.XML
R
INDEX.XML
NC-17
INDEX.XML
OTHER-FILES
DIRECTORY
FILE

FIG. 5

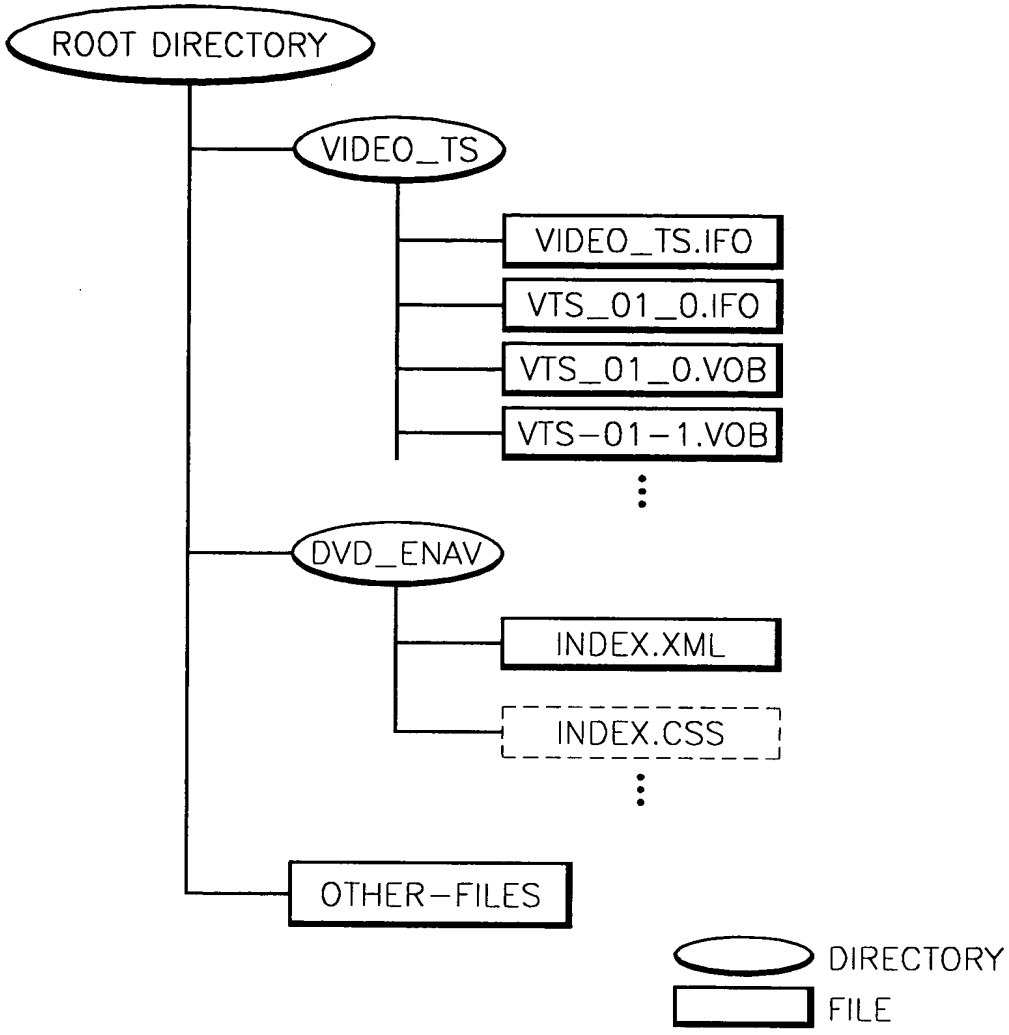

ROOT DIRECTORY
VIDEO_TS
VIDEO_TS.IFO
VTS_01_0.IFO
VTS_01_0.VOB
VTS-01-1.VOB
DVD_ENAV
INDEX.XML
INDEX.CSS
OTHER-FILES
DIRECTORY
FILE

FIG. 6

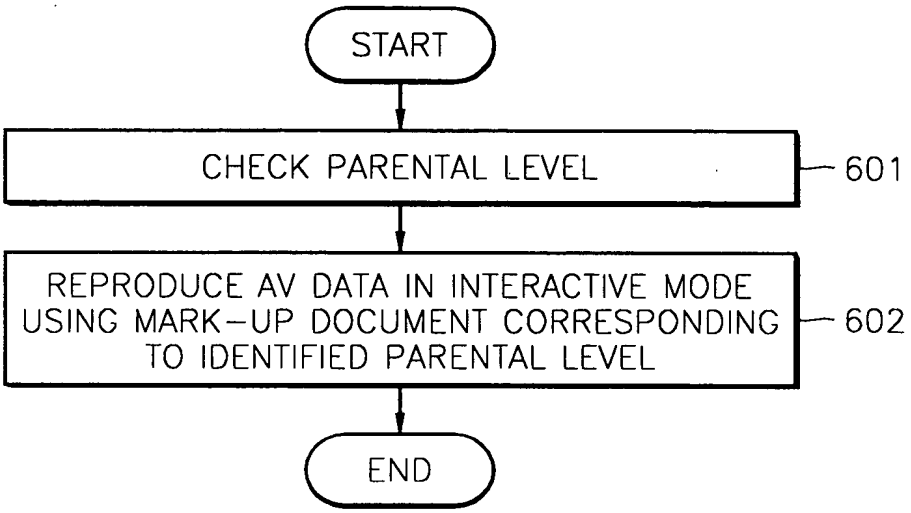

START
CHECK PARENTAL LEVEL
601
REPRODUCE AV DATA IN INTERACTIVE MODE USING MARK-UP DOCUMENT CORRESPONDING TO IDENTIFIED PARENTAL LEVEL
602
END

FIG. 7

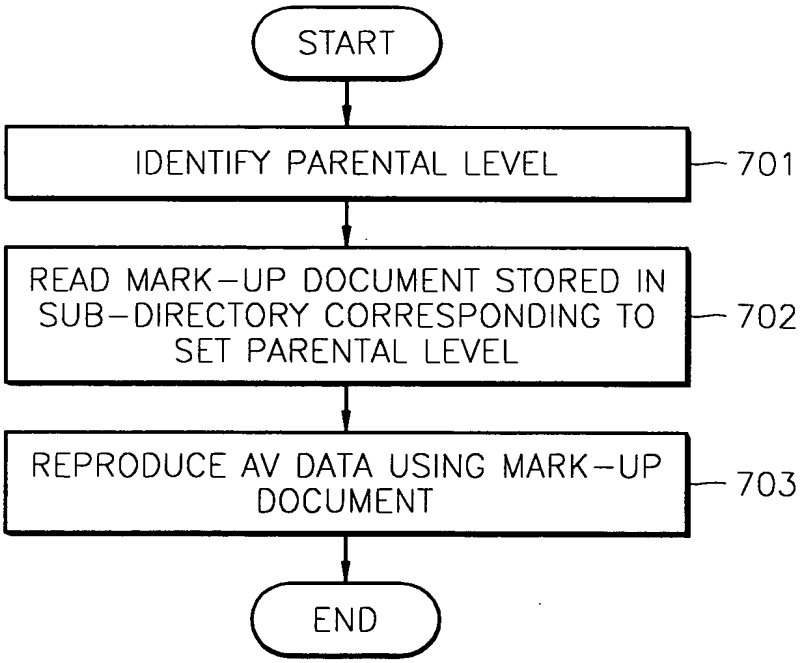

START
IDENTIFY PARENTAL LEVEL
701
READ MARK-UP DOCUMENT STORED IN SUB-DIRECTORY CORRESPONDING TO SET PARENTAL LEVEL
702
REPRODUCE AV DATA USING MARK-UP DOCUMENT
703
END

FIG. 8

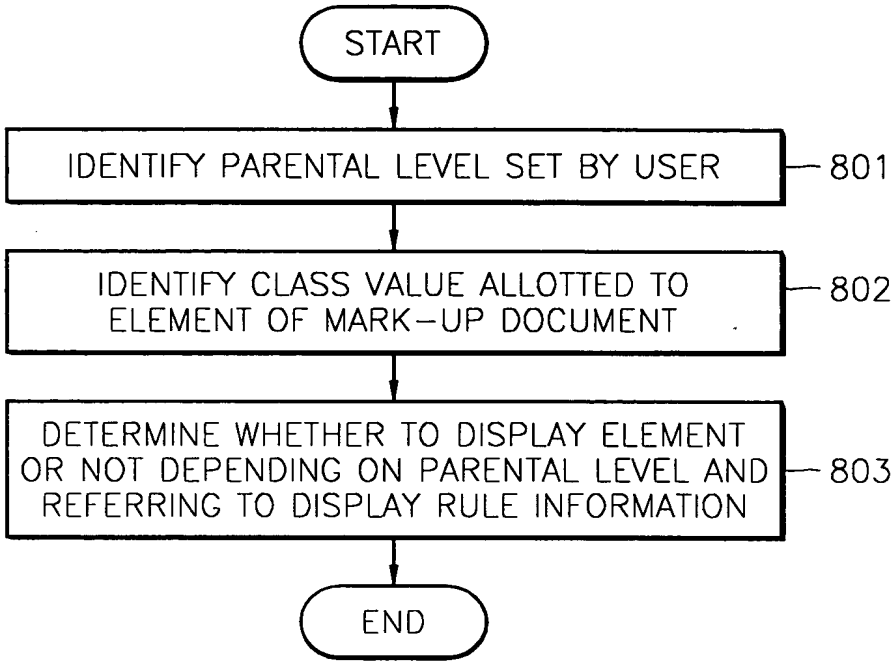
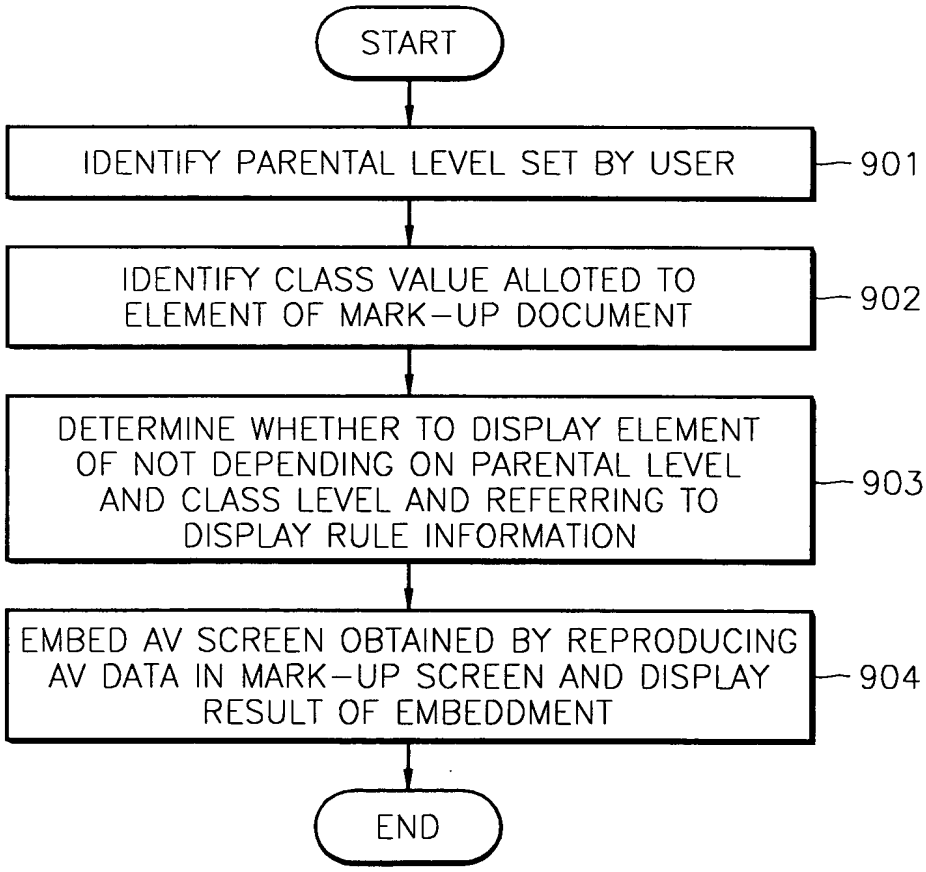

START
IDENTIFY PARENTAL LEVEL SET BY USER
801
IDENTIFY CLASS VALUE ALLOTTED TO ELEMENT OF MARK-UP DOCUMENT
802
DETERMINE WHETHER TO DISPLAY ELEMENT OR NOT DEPENDING ON PARENTAL LEVEL AND REFERRING TO DISPLAY RULE INFORMATION
803
END

FIG. 9


START
IDENTIFY PARENTAL LEVEL SET BY USER
901
IDENTIFY CLASS VALUE ALLOTED TO ELEMENT OF MARK-UP DOCUMENT
902
DETERMINE WHETHER TO DISPLAY ELEMENT OF NOT DEPENDING ON PARENTAL LEVEL AND CLASS LEVEL AND REFERRING TO DISPLAY RULE INFORMATION
903
EMBED AV SCREEN OBTAINED BY REPRODUCING AV DATA IN MARK-UP SCREEN AND DISPLAY RESULT OF EMBEDDMENT
904
END